

## INDEX TO VOLUME 67

New scientific names and combinations are printed in bold face type

- Abies balsamea* 92  
*Abildgaardia monostachya* 321  
*Abrus abrus* 334; *precatorius* 334  
*Abutilon abutiloides* 339; *americanum* 339  
*Acacia farnesiana* 332  
*Achras zapota* 345  
*Achyranthes aspera* 329; *bettzickiana* 329; *ficoidea* 329; *peplodes* 329; *polygonoides* 329; *portoricensis* 329; *ranosissima* 329; *sessilis* 328  
*Acisanthera acisanthera* 342; *quadrata* 342  
*Acrocomia aculeata* 322; *media* 322  
*Acrodiclidium salicifolium* 330  
*Actinostachys pennula* 356  
*Acuan depressum* 332; *insulare* 332; *virgatum* 332  
*Adelia bernardia* 337; *ricinella* 337  
*Adenoporces buxifolia* 335  
*Adenoropium gossypifolium* 337; *hastatum* 337; *multifidum* 337  
*Adiantopsis paupercula* 357  
*Adipera bicapsularis* 332; *laevigata* 332; *stahlia* 332  
*Aechmea lingulata* 323  
*Aegiphila elata* 350  
*Aeschrion antillana* 336; *excelsa* 336  
*Aeschynomene gracilis* 333; *portoricensis* 333  
*Agati grandiflora* 333  
*Agave decipiens* 312  
*Agropyron repens* 89  
*Aiphanes acanthophylla* 322  
*Aklema petiolare* 338  
 Algae of Forty Ponds Under Construction at Ithaca, New York, Soil 242  
*Alloplectus ambiguus* 352  
*Aloe barbadensis* 324; *vulgaris* 324  
*Alpinia antillarum* 324; *aromatica* 324; *exaltata* 324; *speciosa* 324  
*Alsine antillana* 330  
*Alsophila aquilina* 356; *borinquena* 356; *quadripinnata* 356  
*Alternanthera ficoidea* 329; var. *bettzickiana* 329; *peplodes* 329; *paronychoides* 329; *portoricensis* 329; *ramosissima* 329; *sessilis* 329  
*Amaranthus arenicola* 181; *australis* 313; *gracilis* 329; *viridis* 329  
*Ambrosia confertiflora* 354  
*Ammophila breviligulata* 89  
*Amomis caryophyllata* 342; *grisea* 342  
*Ampelopsis arborea* 181  
*Amphiglottis anceps* 326; *corymbosa* 326; *difformis* 326; *lacera* 326; *nocturna* 326; *pallidiflora* 326; *secunda* 326  
*Amphilophis ischaemum* 317; *saccharoides* 317  
*Anabaena affinis* 252; *cylindrica* 252, 253; *flos-aquae* 252, 253; *oscillaroides* 252, 253; *subcylindrica* 252; *torulosa* 252  
*Anabaenopsis elenkinii* 252, 253  
*Anacharis Alsinastrum* 12, 21, 26, 166; *callitrichoides* 166; *canadensis* 12, 25, 31, 166, 169; var. *Planchonii* 12, 23; *chilensis* 166; *densa* 157, 166; *Hillariana* 166; *linearis* 29, 166; *Matthewsii* 166; *Naias* 166; *Nutallii* 6, 166, 169; *occidentalis* 6, 167; *Planchonii* 12, 167; *pomeranica* 167; *potamogeton* 167; *tripteris* 167

- Anacheilium cochleatum* 326  
*Anadenanthera peregrina* 332  
*Ananomis fragrans* 343; umbellulifera 343  
*Ananas ananas* 323; comosus 323  
*Anatherum zizanioides* 318  
*Andrachne cuneifolia* 337  
*Andropogon annulatus* 317; brevifolius 317; condylotrichus 318; gracilis 317; hirtiflorus 317; pertusus 317; saccharoides 317; semiberbis 317; virginicus 317  
*Aneilema geniculatum* 323  
*Anemone parviflora* 92, 93  
 Angiospermous Leaves, Determination of the Developmental Pattern of 49  
*Anisosorus hirsutus* 357  
*Anneslia haemostoma* 331; portoricensis 331; purpurea 331  
*Anredera baselloides* 330; leptostachys 330  
*Anthelis arenaria* 311; podanisia 302  
*Antigonon guatemalense* 328; macrocarpum 328  
*Antirhea acutata* 353; coriacea 353; lucida 353; obtusifolia 353; portoricensis 353; sintenisii 353  
*Anthriscus cerefolium* 344  
*Antrophytum cayennense* 357  
*Apalanthe granatensis* 167; guyannensis 167; Schweinitzii 2, 167  
*Aperia hymenanthera* 325  
*Aphanocapsa elachista* 252  
*Apios americana* 26; tuberosa 26  
*Apium leptophyllum* 344; petroselinum 344  
*Apteria aphylla* 325  
 Arctic Species in Southeastern New Brunswick, New Records of 92  
*Ardisia glauciflora* 344; luquillensis 344; obovata 344  
*Arduina grandiflora* 346  
*Argythamnia fasciculata* 337  
*Aristida chaseae* 319  
*Aristolochia bilabiata* 328; cordiflora 328; elegans 328; galeata 328; grandiflora 328; littoralis 328; oblongata 328; odoratisima 328  
*Artocarpus heterophylla* 328; integrifolia 328  
*Ascolepis brasiliensis* 99  
*Ascyrum hypericoides* 341  
*Aster divaricatus* 231; hookeria-nus 235  
*Asterandra grandifolia* 337  
*Asystasia gangetica* 352  
*Atamosco carinata* 324; rosea 324; tubispatha 324  
*Athyrocarpus persicariaefolius* 323  
*Auliza ciliaris* 326  
*Aulomyrcia citrifolia* 342; leptoclada 342  
*Avicennia germinans* 350; nitida 350  
*Ayenia insularis* 340; pusilla 340  
*Babingtonia pestifera* 167  
*Bacopa innominata* 351; monnieri 351; repens 351; stricta 351  
*Bactris acanthophylla* 322  
*Badiera penaea* 336; portoricensis 336  
*Bambos vulgaris* 320  
*Bambusa bambos* 320  
*Banisteria laurifolia* 336; lucida 335; purpurea 336; wydlariana 336  
*Banisteriopsis lucida* 335  
*Basella alba alba* 330; rubra 330  
*Batocydia unguis* 352  
*Beadlea cranichoides* 325; elata 325  
 Beaman, John H. and D. C. D. DeJong, A New Species of Lag-

- enophora (Compositae) from Guatemala 36
- Becquerelia glomerulata 125
- Beilschmiedia pendula 330
- Benitoa occidentalis 218, 224
- Benthamantha caribaea 333
- Bernardia dichotoma 337
- Betula lutea 92
- Biancaea sepiaria 333
- Bidens cernua 61, 62; Notes on Varieties of *Bidens connata* and a Hybrid with 59; *connata* 60, 61, 62; var. *connata* 61; var. *gracilipes* 59, 62; var. *pinnata* 59, 62; var. *saint-vincentii* 60, 61; var. *submutica* 61; X *B. cernua* 62; *cynapiifolia*, var. *portoricensis* 355; var. *tenuis* 355; *reptans*, var. *urbanii* 355; *urbanii* 355
- Bignonia caryophyllea 352
- Bihai bihai 324
- Blechnum divergens 358; *lineatum* 358; *polypodioides* 357; *underwoodianum* 358
- Blechnum blechnum 352; *pyramidalum* 352
- Boerhaavia coccinea 329; *diffusa* 329
- Bolbitis aliena 358; *cladorrhizans* 358; *nicotianaefolia* 358; *pergamantacea* 358
- Bolivia, Studies in the Flora of, III — Cyperaceae, Part 1 97
- Borreria brachysepala 354; *levis*, var. *sintenisii* 354
- Bouchea prismatica, var. *brevirostra* 350; var. *longirostra* 349
- Bourreria revoluta 348; *succulenta*, var. *revoluta* 348
- Boussingaultia baselloides 330; *leptostachys* 330
- Brachyrampus intybaceus 354
- Bradburya plumieri 334; *pubescentis* 334; *virginiana* 334
- Bramia monnieri 351
- Brassavola cucullata 326
- Brassica campestris 331; *kaber* 331; *rapa* 331
- Browne, Elizabeth M. and E. T. Browne, Jr., Flowering Plants New to or Rare in Kentucky 180
- Brugmansia arborea 351; *suaveolens* 351
- Bulbophyllaria pachyrrachis 327
- Bulbophyllum pachyrrachis 327
- Bulbostylis boliviana 114; *capillaris* 111, 113; var. *tenuifolia* 113; *Funckii* 110; *hirtella* 111, 113; *junciformis* 111, 114; *juncoides* 111, 112; var. *ampleiceps* 111, 112; *papillosa* 111, 113; *paradoxa* 111; *pauciflora* 321; *sphaerocephala* 111, 112; var. *macrocephala* 112; *sphaerolepis* 112; *tenuifolia* 113
- Bumelia krugii 345; *obovata*, var. *krugii* 345
- Burch, Derek, Two Species of *Chamaesyce* (Euphorbiaceae) new to the United States 185
- Bursera simaruba 336
- Buxus laevigata 338; *portoricensis* 338; *vahlII* 338
- Byrsonima cuneata 336; *horneana* 336; *lucida* 336; *ophiticola* 336; *spicata* 336; *wadsworthii* 336
- Cacalia atriplicifolia 55, 56; and *C. muhlenbergii*, Natural and Artificial Hybrids of 55; *muhlenbergii* 55, 56; *suaveolens* 55, 56; *tuberosa* 55, 56, 57 fig.
- Cacara erosa 335
- Caenapea stricta 351
- Cactus intortus 341
- Caesalpinia bonduc 333; *coriaria* 333; *crista* 333; *culebrae* 333; *divergens* 333; *melanosperma* 333; *portoricensis* 333; *pulcherrima* 333; *decapetala* 333

- Cajan cajan 334  
 Cajanus cajan 334  
 Caladium bicolor 323; colocasia 323  
 Calliandra caracasana 331; haematostoma 331; purpurea 331  
 Calonyction aculeatum 347; tuba 347  
 Calophyllum antillarum 340; calaba 340  
 Calopogonium mucunoides 335; orthocarpum 335  
 Calothrix stagnalis 252  
 Calyptrocarya fragifera 125; glomerulata 125  
 Calyptrocordia alba 348  
 Calyptranthes dumetorum 343; luquillensis 343; pallens 343; peduncularis 343; triflorum 343  
 Calyptrogyne occidentalis 322  
 Calyptronoma rivalis 322  
 Campanula rotundifolia 92  
 Campylocentrum fasciola 327; sullivani 327  
 Cananga caribaea 330; blainii 330  
 Canavalia brasiliensis 335; ensiformis 335; gladiata 335; nitida 335; rusiosperma 335  
 Capriola dactylon 319  
 Cardiospermum halicacabum, var. microcarpum 338; microcarpum 338  
 Carex annectens 198, 199; boliviensis 134, 137; Bonplandii 134, 135; cladostachya, var. maxima 134, 135; decidua, var. Brehmeri 134, 136; fecunda 134, 137; fissa 198, 199; (§Multiflorae), An Eastern Variety of 198; var. aristata 198, 199; var. fissa 199; Goodenowii, var. stolonifera 136; Jamesonii, var. subfulva 134, 137; Mandoniana 135; nebularum 134; phalaroides 134, 138; var. moesta 138; pichinchensis 134, 136; var. obtusisquaméa 137; pinetorum 134, 135  
 Carissa macrocarpa 346  
 Carum Carvi 196  
 Casearia bicolor 341  
 Cassia aeschynomene 332; alata 332; antillana 332; bicapsularis 331; emarginata 331; exunguis 333; diffusa 332; diphylla 332; fruticosa 332; glandulosa, var. Swartzii 332; grammica 332; granulata 332; hirsuta 332; javanica 332; laevigata 332; mirabilis 332; nodosa 332; obovata 332; obtusifolia 332; occidentalis 332; patellaria 332; polyphylla 332; portoricensis 332; rotundifolia 333; stahlia 332  
 Cassine xylocarpa 338  
 Cassipourea alba 343; guianensis 343  
 Castalia amazonum 330; ampla 330; jamesoniana 330; odorata 330; pulchella 330; rudgeana 330  
 Castela erecta 336  
 Castelaria nicholsoni 336  
 Catalpa longissima 352  
 Catopsis floribunda 323; nutans 323  
 Celtis iguanaea 327  
 Cenchropsis myosuroides 319  
 Cenchrus brownii 319; carolinianus 319; incertus 319; myosuroides 319; viridis 319  
 Centaurea Jacea 197; nigra, var. radiata 197  
 Centella asiatica 344; erecta 344  
 Centrogenium setaceum 325  
 Centrosema plumieri 334; pubescens 334; virginianum 334  
 Centrostachys aspera 329; indica 329  
 Cephalocereus royeri 341  
 Ceratophyllum demersum 196

- Ceratostoma portoricensis* 344  
*Cerbera thevetia* 346  
*Cerdana alliadora* 348  
*Cerefolium cerefolium* 344  
*Cestrum daphnoides* 351; *salicifolium* 351  
*Chaetochloa barbata* 319; *geniculata* 319; *magna* 319; *rariflora* 319; *setosa* 319; *tenacissima* 319; *vulpiseta* 319  
*Chalcas exotica* 336  
*Chamaecrista aeschynomene* 332; *antillana* 332; *chamaecrista* 332; *diphylla* 332; *exunguis* 333; *grammica* 332; *granulata* 332; *mirabilis* 332; *patellaria* 332; *portoricensis* 332; *swartzii* 332  
*Chamaefistula bacillaris* 332  
*Chamaesaracha villosa* 194; New to Texas, 194  
*Chamaesyce adenoptera* 185; (Euphorbiaceae), New to the United States, Two Species of 185; *maculata* 185; *mendezii* 185, 186; *prostata* 185; *thymifolia* 185, 186  
*Characium obtusum* 251  
*Cheilanthes paupercula* 357; *trachomanoides* 357  
*Cheiroglossa palmata* 356  
*Chenopodium pumilio* 181  
*Chinia boxiana* 349; *spinosa* 349  
*Chione seminervis* 353  
*Chlamydomonas aggregata* 248, 252; *snowii* 252; *typica* 248, 252  
*Chlorella ellipsoidea* 251; *vulgaris* 251  
*Chloris inflata* 319; *paraguayensis* 319; *petraea* 319; *sagraena* 319  
*Chlorococcum humicolum* 249  
*Chlorosarcinopsis eremi* 248, 251  
*Chroococcus minor* 252  
*Chrysanthemum indicum* 356; *morifolium* 356  
*Chrysobalanus icaco* 331; *pello-*  
*carpus* 331  
*Chrysophyllum bicolor* 345; *eggersii* 345  
*Chrysopsis berlandieri* 87 fig.; *camporum* 87 fig.; (Compositae: Astereae), A Second Character Distinguishing *Heterotheca* s. str. from 86; *divaricata* 231; *fulcrata* 87 fig.; *graminifolia* 88; *stenophylla* 87 fig.; *villosa* 87 fig.  
*Cicca disticha* 337  
*Cinnamomum elongatum* 331; *montanum* 331; *zeylanicum* 331  
*Cissus tuberculata* 339  
*Cistus canadensis* 64, 255, 258, 269, 272; *carolinianus* 211; *corymbosus* 287; *glomeratus* 298; *Mexicanus* 298; *rosmarinifolius* 311; *Virginianus* 260  
*Citharexylum fruticosum*, var. *subvillosum* 350; var. *villosum* 350; *pentandrum* 350; *tristachyum* 350; *X perkinsii* 350  
*Citrullus citrullus* 354; *lanatus* 354  
*Citrus grandis* 336; *limon* 336; *limonum* 336; *maxima* 336  
*Cladium jamaicense* 114; 322  
*Clackia davyi* 230; *prostrata* 230  
*Clavenna tetrandra* 353  
*Cleome ciliata* 331; *icosandra* 331; *rutidosperma* 331; *viscosa* 331  
*Clerodendrum aculeatum* 350; *bungei* 350; *indicum* 350; *interme* 350  
*Cleyera albopunctata* 340  
*Clitoria laurifolia* 334; *rubiginosa* 334  
*Clusia grisebachiana* 341; *krugiana* 341  
*Coccocypselum herbaceum* 353  
*Coccoloba costata* 329; *diversifolia* 329; *microstachya* 329; *pubescens* 329; *swartzii* 328; var. *portoricensis* 329; *b. urbaniana* 329

- Coccolobis borinquensis* 328;  
*grandifolia* 329; *laurifolia* 329;  
*obtusifolia* 329; *rupicola* 329  
*Coccothrinax alta* 322; *discreta*  
322; *eggersiana* 322; *sancti-*  
*thomae* 322  
*Cochleanthes flabelliformis* 327  
*Cochlospermum vitifolium* 341  
*Cochranea auchusaefolia* 349  
*Coelastrum microsporum* 251  
*Coelia triptera* 326  
Coleman, James R., *Natural and*  
*Artificial Hybrids of Cacalia*  
*atriplicifolia* and *C. muhlen-*  
*bergii* 55  
*Colocasia esculenta* 323  
*Colubrina arborescens* 339; *col-*  
*ubrina* 339; *urbanii* 339  
*Commelina diffusa* 323; *longi-*  
*caulis* 323  
*Conami portoricensis* 337  
*Congea tomentosa* 350  
*Conyza apurensis* 355; *bonarien-*  
*sis* 355; *canadensis*, var. *pusilla*  
355; *floribunda* 355  
*Cordia alba* 347; *alliodora* 348;  
*bahamensis* 348; *bellonis* 348;  
*collococca* 348; *dentata* 348;  
*gerascanthus* 348; *glabra* 348;  
*globosa* 348; *lima* 348; *poly-*  
*cephala* 348; *rickseckeri* 348;  
*rupicola* 348; *sebestena* 348;  
*stenophyllum* 348  
*Cordyline guinensis* 324  
*Coreopteris Tripteris* 167  
*Coronopus didymus* 331  
*Corynella pauciflora* 338  
Costa Rica, *A New Species of*  
*Senecio* from 239  
*Cracca caribaea* 333; *cathartica*  
333; *cinerea* 333  
*Cranichus diphylla* 325  
*Crantzia ambigua* 352  
*Crassina elegans* 355; *multiflora*  
355  
*Crepis capillaris* 197  
*Critonia portoricensis* 355  
*Crocanthemum Aldersonii* 279;  
*arenicola* 264; *argenteum* 305;  
*Berlandieri* 260; *Bicknellii* 269;  
*brasiliense* 65; *canadense* 255;  
*carolinianum* 65, 201, 212;  
*corymbosum* 288; *domingense*  
302; *dumosum* 214; *exaltatum*  
289; *georgianum* 291; *glomera-*  
*tum* 299; *majus* 269, 272; *Nashii*  
266, 268; *nutans* 284; *occiden-*  
*tale* 276; *Pringlei* 294; *propin-*  
*quum* 274; *rosmarinifolium*  
302; *scoparium* 279; *stenophyl-*  
*lum* 302; *stipulatum* 70, 291,  
293; *thyrsoides* 266, 268  
Crossing Diagrams, *Interpreta-*  
*tion of* 146  
*Crossopetalum rhacoma* 338  
Crosswhite, Frank S. and Shoichi  
Kawano, *Chromosome Numbers*  
*in Penstemon (Scrophularia-*  
*ceae) I: New Mitotic Counts*  
187  
*Croptilon divaricatum* 217, 218,  
231; var. *divaricatum* 218; var.  
*hirtellum* 218, 229; var. *hook-*  
*erianum* 218, 235; *hookeria-*  
*num* 235  
*Crotalaria saltiana* 333; *striata*  
333  
*Croton trinitatis* 337  
*Ctenitis effusa* 359; *hirta* 359;  
*nemorosa* 359; *subincisa* 359  
*Cuphea micranthea* 342; *par-*  
*sonsia* 342  
*Curcas curcas* 337; *hernandiae-*  
*folius* 337  
*Cucurbita lagenaria* 354; *moscata*  
354  
*Cuscuta campestris* 348; *gland-*  
*ulosa* 348; *globosa* 348; *obtus-*  
*iflora*, var. *glandulosa* 348; *pent-*  
*agona* 348  
*Cyathea aquilina* 356; *borinquena*

- 356; escuquensis 356; horrida 356; wilsoni 356  
*Cyclospermum leptophyllum* 344  
*Cylindrospermum catenatum* 252; marchicum 252  
*Cymodocea manatorum* 317  
*Cynanchum anegadense* 346; cheesmanii 346; decaisneanum 346; ephedroides 346; grisebachianum 346; lineare 346; monense 345; parviflorum 346  
*Cynodon dactylon* 319  
*Cynoglossum furcatum* 349  
Cyperaceae, Part I, Studies in the Flora of Bolivia III 97  
*Cyperus brevifolius* 320; brunneus 320; calcicola 320; cayennensis 320; densicaespitosus 320; difformis 320; digitatus 320; eggersii 320; ferax 320; flavus 320; flexuosus 320; filiformis 320; granularis 320; imbricatus 320; incompletus 320; iria 320; mutisii 320; nanus 320; var. subtenuis 320; obtusata 320; odoratus 320; pedunculatus 320; peruvianus 320; planifolius 320; polystachyos 320; radiatus 320; swartzii 320; tenuis 320; unifolius 320; unioloides 320; vahlhii 320  
*Cyrtospadix bicolor* 323  
*Cystopteris bulbifera* 92  
*Dactylococcopsis smithii* 252  
*Dalbergia ecastophyllum* 334; monetaria 334  
*Dalea domingensis* 333  
Daoud, H. S. and Robert L. Wilbur, A Revision of the North American Species of *Helianthemum* (Cistaceae) 63, 201, 255  
*Daphne Mezereum* 196  
*Datura candida* 351; fastuosa 351; inoxia 351; metel 351; suaveolens 351  
Davis Edw. L., Determination of the Developmental Pattern of Angiospermous Leaves 49  
DeJong, D. C. D. and John H. Beaman, A New Species of *Lagenophora* (Compositae) from Guatemala 36  
*Dendropemon bicolor* 328; caribaeum 328; purpureum 328; sintenisii 328  
*Dendrophthora flagelliformis* 328; wrightii 328  
*Dendropogon usneoides* 323  
*Dennstaedtia adiantoides* 360; bipinnata 360; cicutaria 360; obtusifolia 360; ordinata 360; rubiginosa 360  
*Desmanthus virgatus* 332  
*Desmodium adscendens* 334; affine 334; axillare 334, var. acutifolium 334; var. stoloniferum 334; barbatum 334; canum 334; cubense 334; glabrum 334; intortum 334; procumbens 334; tortuosum 334; scorpiurus 334; triflorum 334; wydlerianum 334  
*Diapedium assurgens* 352; krugii 352  
*Dichanthium annulatum* 317  
*Dichromena ciliata* 123, 124, 321; colorata 321; Kuntzei 116; Mandonii 118; radicans 321  
*Dichyllum oerstedianum* 338  
*Diclipptera assurgens* 352; brachiata 181; krugii 352  
*Dicranopteris bifida* 356; flexuosa 356; pectinata 356  
*Didymopanax gleasonii* 344  
*Digitaria adscendens* 318; argillacea 318; horizontalis 318; ischaemum 318; panicea 318; villosa 318; violascens 318  
*Dilomilis montana* 326  
*Diodia maritima* 354; serrulata 354



- Dioscorea bulbifera* 324; *cayanensis* 324; *esculenta* 324; *villosa* 324  
*Diospyros digyna* 345; *discolor* 345; *ebenaster* 345; *philippensis* 345; *sintenisii* 345  
*Dipholis cubensis* 345; *sintenisii* 345  
*Diplachne fascicularis* 319  
*Diplacrum longifolium* 126  
*Diplandra potamogeton* 167  
*Diplazium arboreum* 357; *cristatum* 357  
*Diplopappus divaricatus* 231  
Dissecting Equipment and Materials for the Study of Minute Plant Structures 95  
*Ditaxis fasciculata* 337  
*Ditremexa hirsuta* 332; *occidentalis* 332; *sopha* 332  
*Dodonaea ehrenbergii* 338; *viscosa* 338  
*Dolicholus minimus* 335; *pyramidalis* 335; *reticulatus* 335  
*Domingoa haematochila* 326; *hymenodes* 326  
*Dondia fruticosa* 329  
*Doxantha unguis-cati* 352  
*Drepanocarpus lunatus* 334  
*Dryas integrifolia* 92, 93  
*Dryopteris angustifolia* 359; *brittonae* 359; *chaerophylloides* 359; *decussata* 358; *deltoidea* 358; *dentata* 359; *domingensis* 359; *effusa* 359; *germaniana* 358; *gongyloides* 358; *guadalupensis* 359; *hastata* 359; *hirta* 359; *leptocladia* 359; *linkiana* 358; *megalodus* 359; *nemorosa* 359; *normalis* 359; *oligophylla* 359; *opposita* 358; *patens* 359; *pedrensis* 358; *poiteana* 359; *reptans* 359; *reticulata* 359; *sancta* 358; *scerophylla* 359; *serra* 359; *serrata* 359; *sprengelii* 358; *subincisa* 359; *subtetragona* 359  
*Duchartrea sintenisii* 352  
*Duggena hirsuta* 352  
*Dulichium arundinaceum* 192  
*Ecastophyllum ecastophyllum* 334  
*Echinochloa colona* 318; *colonum* 318; *crus-galli* 318; *crus-pavonis* 318  
*Echinodorus berteroi*, var. *berteroi*, 317; *cordifolius* 317; *tenuellus*, var. *latifolius* 317  
*Echites agglutinata* 346  
*Egeria densa* 2, 26, 28, 156, 157, 161, 163, 166, 168, 170; *Najas* 166, 168, 169  
*Eichhornia crassipes* 323; *diversifolia* 323  
*Elaeodendron xylocarpum* 338  
*Elaphoglossum crinitum* 357; *flaccidum* 356; *longifolium* 356; *martinicense* 356; *maxonii* 356; *philoselloides* 356; *pteropus* 356; *pumilum* 356; *rigidum* 356; *serpens* 357; *underwoodianum* 356  
*Elaphrium sinaruba* 336  
*Eleocharis albibracteata* 105, 107; var. *nubigena* 107, 108; *atropurpurea* 320; *boliviana* 107; *Brehmeriana* 107; *capitata* 106; *caribaea* 320; *costulata* 105; *crinalis* 105, 107; *Dombeyana* 105, 107; *elegans* 104, 108, 321; *exigua* 105; *fallax* 321; *filiculmis* 105, 109; *fistulosa* 104, 105; *flaccida* 320; *flavescens* 320; *geniculata* 104, 106, 108, 320, 321; *interstincta* 104, 105; *maculosa* 105, 106; *microcarpa* 321; *minima* 105, 108; *minutiflora* 321; *montana* 320; *nodulosa* 104, 108, 320; *nubigena* 107; *obtusata*, var. *jejuna* 195; *radicans* 104, 105, 321; *rostelocreatata*, var. *flaccida* 106;



- lata 321; Sellowiana 105, 106; sintenisii 320; sulcata 109; yunquensis 320
- Elephantopus mollis 354; scaber 354
- Eleutherine bulbosa 324
- Elodea bifoliata 165, 167; Brandedeae 3, 164, 165, 167; callitrichoides 161, 164, 166, 167; canadensis 2, 5, 12, 13 pl., 14 fig., 15, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 33 fig., 156, 159, 161, 162, 163, 165, 166, 167, 168, 169, 170, 171; var. angustifolia 6, 168; var.  $\beta$  angustifolia 167; var. gigantea 156, 168; var. latifolia 12, 166, 168; sub. var. repens 12, 166; var. Planchonii 12, 166; capensis 168; chilensis 168; chinensis 168; columbiana 11, 165, 168; crispa 168; densa 26, 156, 168; var. crispa 168; var. longifolia 157, 168; Ernstae 161, 165, 166, 168; gigantea 28, 156, 157, 168; granatensis 3, 159, 164, 165, 166, 167, 168, 169, 170, 171; guyanensis 21, 168; var. dicranoides 168; f. longifolia 168; ioensis 12, 168; iowensis 12, 168; Kochii 168; latifolia 12, 21, 169; linearis 2, 23, 29, 30 fig., 31, 33 fig., 165, 166, 169, 170; longivaginata 2, 30 fig., 32 fig., 34, 164, 165, 166, 169; Matthewsii 161, 165, 166, 169; minor 6, 169; Monograph of the Genus: Part 4 and Summary 1, 155; Naias 166, 168, 169; nevadensis 165, 169; Nutallii 2, 5, 6, 11, 12, 14 fig., 21, 26, 29, 31, 32 fig., 34, 155, 161, 164, 165, 166, 167, 168, 170, 171, 195; oblongifolia 12, 15, 169; occidentalis, 6, 7, 169; orinocensis 169; paraguayensis 169; peruvienensis 165, 169; Planchonii 12, 21, 22, 23, 24, 169; Potamogeton 164, 165, 166, 167, 168, 169, 170; Richardii 164, 166, 169; Schweinitzii 2, 3, 4, 5, 6, 21, 25, 30 fig., 32 fig., 164, 166, 167, 170; titicacana 164, 165, 170; verticillata 170
- Elsota diversifolia 336; virgata 336
- Eltroplectris acuminata 325
- Emelista tora 332
- Emilia coccinea 355; sagittata 355
- Encyclia fucata 326; krugii 326; papilionacea 326; sintenisii 326
- Epider drum anceps 326; belvedereense 326; brittonianum 326; ciliare 326; cochleatum 326; conopseum 48; and Eulophia ecristata in Mississippi 48; cucullatum 326; difforme 326; fucatum 326; krugii 326; lacerum 326; moirianum 326; nocturnum 326; ottonis 326; pallidiflorum 326; ramosum 326; rigidum 326; secundum 326; sintenisii 326; vicentinum 326
- Equisetum fluviatile 195
- Eragrostis glutinosa 319; multicaulis 195; pectinacea 195; tracyi 312, 313; from Sanibel Island, Florida, The Extended Distribution of 312; urbaniana 319
- Erechtites valerianaefolia 355
- Eremolepis wrightii 328
- Erigeron hyssopifolius 92
- Eriochloa gracilis 181; polystachya 318; subglabra 318
- Eroteum albopunctatum 340
- Erythrina eggersii 335; horrida 335
- Erythroides hirtella 325; plantaginea 325
- Erythroxylum brevipes 335; rotundifolium 335; rufum 335

- Eugenia aerunginea* 343; *buxifolia* 343; *domingensis* 343; *farjardensis* 343; *floribunda* 343; *glabrata* 343; *haematocarpa* 343; *maleolens* 343; *margarettae* 343; *saviaefolia* 342  
*Eulophia alta* 327; *ecristata* 48  
*Euphorbia adenoptera* 185  
*Eupatorium borinquense* 354; *corymbosum* 354; *geraniifolium* 355; *iresinoides* 355; *ivaefolium* 355; *macrophyllum* 354; *odoratum* 354; *oteroi* 355; *portoricensis* 355; *sinuatum* 355  
*Euphorbia adenoptera* 185; *oerstediana* 338; *petiolaris* 338  
*Eustachys petraea* 319  
*Euterpe globosa* 322  
*Evolvulus alsinoides*, var. *linifolius* 347; *bocasanus* 347; *linifolius* 347; *tenuis*, var. *longifolius* 347  
*Exogonium arenarium* 347; *repandum* 347; *solanifolium* 347  
*Exostema ellipticum* 353  
  
*Ficus citrifolia* 327; *crassinervia*, f. *stahlii* 327; *laevigata* 327; *nitida* 328; *perforata* 327; *retusa* 328; *sintenisi* 327; *trigonata* 327  
*Fimbristylis aestivalis* 109, 110; *annua* 109; *curassavica* 321; *cymosa* 321; *dichotoma* 321; *diphylla* 321; *monostachya* 109, 110, 321; *portoricensis* 321; *spathecea* 321; *vestita* 321  
*Flaveria floridana* 313; *trinervia* 355  
*Flora of Oklahoma*, Additions to the Vascular 191  
*Florida*, The Extended Distribution of *Eragrostis tracyi* from Sanibel Island 312  
*Flueggea virosa* 337  
*Foeniculum foeniculum* 344; *vulgare* 344  
*Forsteronia corymbosa* 346; *portoricensis* 346  
*Forestiera porulosa* 313  
Foster, Robert C., Studies in the Flora of Bolivia III — Cyperaceae, Part I 97  
*Fuirena squamosa* 321; *umbellata* 103, 321  
*Funastrum clausum* 346  
  
*Galathea bulbosa* 324  
*Galium triflorum* 92  
*Galphimia gracilis* 336  
Gillett, George W., Genotypic Variations in the *Phacelia hirsuta* Complex 42; Genotypic Variation in the *Phacelia strictiflora* Complex 139  
*Geophila herbacea* 354; *repens* 354  
*Gerardia portoricensis* 352; *tuberosa* 352  
*Gesneria albiflora* 352; *sintenisi* 352  
*Gleichenia bifida* 356; *flexuosa* 356; *pectinata* 356  
*Gliricidia sepium* 333  
*Globifera umbrosa* 351  
*Gloeocystis ampla* 252; *gigas* 252; *vesiculosa* 251  
*Gnaphalium americanum* 355; *spicatum* 355  
*Gomphrena decumbens* 329; *dispersa* 329  
*Gonium pectorale* 252  
*Gonocalyx portoricensis* 344  
*Gonolobus stephanotrichus* 346  
*Gonzalaguinia spicata* 353  
*Gossypium arboreum*, var. *nadam* 340; *barbadense* 340  
Grafenrieda *ottoschulzii* 342  
*Grammitis asplenifolia* 357; *hartii* 357; *hessii* 357; *jubaeformis* 357; *mollissima* 357; *myosuroides* 357; *serrulata* 357; *sus-*

- pensa 357; taenifolia 357; taxifolia 357; trifurcata 357
- Gratiola aurea* 197
- Guatemala, A New Species of *Lagenophora* (Compositae) from 36
- Guatteria blainii* 330; *caribae* 330
- Guazuma guazuma* 340; *ulmifolia* 340
- Guettarda laevis* 353; *valenzuelana* 353
- Guilandina bonduc* 333; *crista* 333; *culebrae* 333; *divergens* 333; *melanospermum* 333; *portoricensis* 333
- Gymnosiphon germanii* 325; *sphaerocarpus* 325
- Habenaria conopsea* 35
- Hackelochloa granularis* 317
- Haemocharis portoricensis* 340
- Haenianthus obovatus* 345; *salicifolius*, var. *obovatus* 345
- Halimium Aldersonii* 279; *arenicola* 264; *argenteum* 305; *Berlandieri* 260, 263; *canadense* 255; *carolinianum* 212; *chihuahuense* 296; *concolor* 289; *corymbosum* 288; *Coulteri* 260; *discolor* 289; *domingense* 302, 304; *exaltatum* 289; *georgianum* 291; *glomeratum* 298, 311; *majus* 269; *Nashii* 266; *nutans* 284; *occidentale* 67, 276, 279; *patens* 263, 285; *Pringlei* 263, 294; *rosmarinifolium* 302; *scoparium* 67, 279; *spartioides* 67; *stenophyllum* 302, 304
- Halodule beaudettii* 317
- Hamelia erecta* 353; *patens* 353
- Hapalorchis tenuis* 325
- Haplanthe Schweinitzii* 170
- Haplopappus*, Section *Isopappus* (Compositae), Taxonomy of 217
- Haplopappus bartlettii* 218; *divaricatus* 217, 218 219 220 fig., 221, 222, 223 fig., 224, 225, 226, 227, 228, 229, 231, 232, 235, 237; *X graniticus* 222; *X torreyi* 222; *X validus* 222; var. *hookerianus* 235; *hirtellus* 230; *hookerianus* 235; *occidentalis* 218, 224; *rigidifolius* 217, 218 fig., 220 fig., 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 234, 235, 237; *X divaricatus* 227; *validus* 225, 226, 227, 228; subsp. *graniticus* 217, 220 fig., 221, 222, 223, 224, 225, 226, 229, 233, 236, 237; subsp. *torreyi* 217, 220 fig., 222, 223, 225, 226, 227, 229, 232, 233, 237; *X graniticus* 222; *X H. rigidifolius* 223; *X subsp. validus* 217, 220 fig., 221, 222, 223, 224, 225, 226, 229, 233, 235, 237; *X graniticus* 222; *X torreyi* 226
- Harms, Vernon L., A Second Character Distinguishing *Heterotheca* s. str. from *Chrysopsis* (Compositae: *Astereae*) 86
- Harris, Stuart K., Notes on the Flora of Coös County, New Hampshire 195
- Harrisia Aboriginum* 313
- Hebeclinium macrophyllum* 354
- Helianthemum Aldersonii* 278, 281; *arenicola* 67, 71, 74, 75, 76, 77 fig., 79, 203, 260, 263, 264, 265, 266, 267, 268, 308 fig., *argenteum* 70, 71, 74, 76, 77 fig., 81, 203, 304, 305, 310 fig., 311; *astylum* 65, 311; *Bicknellii* 66, 69, 71, 73, 75, 76, 77 fig., 80, 207, 210, 211, 255, 257, 258, 269, 270, 271, 272, 273, 275, 307, fig.; *brasiliense* 63, 65, 213; *canadense* 65, 66, 69, 70, 71, 73, 76, 77 fig., 78, 79, 201, 206, 209, 211, 215, 216, 255, 257, 258, 272, 273, 275, 276, 307 fig., 311; var. *obtusum* 264, 265; var. *sabulonum* 255, 259; var. *Walk-*

- erae 269, 272; capitatum 66;  
 carolinianum 65, 67, 69, 70, 71,  
 72, 74, 75, 76, 77 fig., 78, 79,  
 201, 204, 211, 212, 213, 306  
 fig.; chihuahuense 69, 70, 71, 77  
 fig., 81, 204, 295, 297, 309 fig.;  
 (Cistaceae), A Revision of the  
 North American Species of 63,  
 201, 255; concolor, 71, 77 fig.,  
 81, 204, 262, 289, 290, 310 fig.;  
 corymbosum 64, 65, 66, 71, 72,  
 73, 77 fig., 80, 81, 204, 265, 266,  
 268, 287, 308 fig.; Coulteri 69,  
 70, 71, 73, 74, 75, 76, 77 fig.,  
 79, 204, 207, 208, 210, 260, 262,  
 263, 309 fig.; dumosum 69, 70,  
 71, 76, 77 fig., 78, 79, 206, 209,  
 211, 214, 215, 216, 257, 258,  
 275, 308 fig.; exaltatum 290;  
 georgianum 70, 71, 77 fig., 81,  
 206, 208, 210, 274, 276, 291,  
 292, 306 fig.; glomeratum 64,  
 65, 66, 71, 72, 74, 77 fig., 81,  
 201, 206, 208, 210, 262, 297, 298,  
 300, 303, 304, 309 fig.; Greenei  
 67, 69, 70, 71, 72, 77 fig.; 80, 203,  
 276, 278, 279, 283, 287, 308 fig.;  
 hirsutissimum 64; majus 66,  
 255, 269, 272, 273; mendocinen-  
 sis 279; Nashii 67, 71, 73, 74,  
 75, 76, 77 fig., 79, 203, 265, 266,  
 267, 268, 308 fig.; nutans 69,  
 70, 71, 72, 76, 77 fig., 80, 203,  
 278, 284, 286, 287, 310 fig.;  
 obcordatum 65, 298; occiden-  
 tale 276; patens 69, 70, 72, 73,  
 74, 77 fig., 80, 203, 205, 278, 285,  
 286, 287, 310 fig.; polifolium  
 302; polygalaeifolium 65; Prin-  
 glei 69, 70, 71, 74, 75, 77 fig.,  
 81, 204, 205, 273, 292, 293, 297,  
 303 fig.; propinquum 69, 71, 73,  
 75, 76, 77 fig., 80, 207, 210, 211,  
 257, 258, 271, 273, 274, 275, 307  
 fig.; ramuliflorum 65, 255;  
 rosmarinifolium 64, 65, 66, 70,  
 71, 75, 77 fig., 81, 205, 207, 208,  
 301, 303, 304, 306 fig.; scopar-  
 ium 64, 67, 70, 72, 73, 77 fig.,  
 80, 203, 205, 277, 278, 280, 281,  
 285, 287; var. Aldersonii 279,  
 281, 282; var. scoparium 282;  
 var. vulgare 279, 280, 281, 282;  
 spartioides 64, 278; suffrute-  
 scens 68, 279, 281, 282; tenellum  
 317; thyrsiodeum 266, 268; tri-  
 petalum 65, 311; Walkerae 269  
 Helichrysum bracteatum 355  
 Heliconia caribaea 324  
 Heliophytum amplexicaule 349  
 Heliotropium amplexicaule 349;  
 angiospermum 348; arbor-  
 escens 349; crispiflorum 348;  
 indicum 348; inundatum 348;  
 microphyllum 348; peruvianum  
 349; procumbens 348  
 Hemicarpha micrantha 99  
 Hemidiodia ocymifolia 354  
 Hemitelia escuquensis 356; hor-  
 rida 366; wilsoni 356  
 Henriettea fascicularis 342; mac-  
 fadyenii 342; membranifolia  
 342; triflora 342  
 Henriettella fascicularis 342;  
 macfadyenii 342; membranifolia  
 342  
 Hermann F. J., An Eastern Vari-  
 ety of *Carex fissa* (Multiflorae)  
 198  
 Herpestris rotundifolia 351  
 Herpetica alata 332  
 Heteromeris argentea 305; cana-  
 densis 201, 255; carolinianum  
 212; chihuahuense 296; cymosa  
 288; glomerata 298; major 255,  
 269; mexicana 298, 300; Mi-  
 chauxii 255; polifolia 301;  
 Pringlei 294; ramuliflorum 255  
 Heteropteris laurifolia 336; pur-  
 purea 336; wydleriana 336  
 Heterotheca bartlettii 218; lati-  
 folia 87 fig., 181; psammophila

- 87 fig.; s. str. from *Chrysopsis* (Compositae-Astereae), A Second Character Distinguishing 86; subaxillaris 87 fig.
- Hibiscus tiliaceus* 340
- Hieracium aurantiacum* 197
- Hippocratea caribaea* 338
- Hippurus vulgaris* 196
- Hodgdon, A. R., Mountain Flowers of New England (Review) 84
- Holcus halepensis* 318; sorghum 318
- Homalium leiogynum* 341; pleiandrum 341; racemosum 341
- Homalocenchrus hexandra* 319; monandrus 319
- Horanthes arenaria* 311; podanisia 302; tripetala 312
- Hormidium flaccidum* 246 pl., 251; tripterum 326
- Hornemannia racemosa* 344
- Hufelandia pendula* 330
- Humulus lupulus* 50, 51 pl., 52
- Hybanthus linearifolius* 341; portoricensis 341
- Hybosperma spirosum* 339
- Hydora lithuanica* 171
- Hydrilla verticillata* 167, 170, 171; var. *crispa* 168
- Hydrocotyle bonariensis* 344; verticillata, var. *triradiata* 344
- Hydromistria stolonifera* 317
- Hymenocallis declinata* 324
- Hymenodium crinitum* 357
- Hymenophyllum axillare* 360; ciliatum 360; elegantulum, var. *petiolatum* 360; *hirsutum* 360; *lanatum* 360; *sieberi* 360; *undulatum* 360
- Hypericum hypericoides* 341
- Hypoxis wrightii* 324
- Hyptis americana* 350; *escobilla* 350; *scoeparia* 351; *spicigera* 350
- Ibatia maritima* 346
- Ibidium tortile* 325
- Icacorea glauciflora* 344; *guadalupensis* 344; *luquillensis* 344
- Icthyomethia piscipula* 334
- Ilex cookii* 338; *sideroxyloides*, var. *occidentalis* 338
- Ilysanthes dubia* 351
- Inga fagifolia* 330; *inga* 331; *laurina* 331; *vera* 331
- Inula divaricata* 231
- Ionidium linearifolium* 341; *portoricensis* 341
- Ionoxalis intermedia* 335; *martiana* 335
- Ipomoea acuminata* 347; *aegyptia* 347; *alba* 347; *amnicola* 200; *angustifolia* 347; *batatas* 347; *cathartica* 347; (Convolvulaceae), A South American Waif in Missouri 200; *dissecta* 347; *hederifolia* 347; *heptaphylla* 200, 347; *kentrocarpa* 347; *ochroleuca* 347; *palustris* 347; *pes-caprae*, var. *brasiliensis* 347; *polyanthes* 347; *pulchella* 200, 347; *purpurea* 347; *quamoclit* 347; *quinquefolia* 347; *repanda* 347; *rubra* 347; *setifera* 347; *solanifolia* 347; *spinillus* 347; *stendelii* 347; *tricolor* 347; *tuba* 347; *violacea* 347; *Wrightii* 200
- Iresine celosia* 329; *diffusa* 329
- Iris psuedacorus* 196
- Isandrina emarginata* 332
- Isnardia palustris* 83, 343
- Isopappus divaricatus* 231; var. *hookerianus* 235; var. *hirtellus* 229; *hookerianus* 235; *validus* 233
- Isotoma longiflora* 354
- Ixidium wrightii* 328
- Jacquinia stenophylla* 344
- Jacquiniella miserrima* 326; *teretifolia* 326

- Jacquemontia canescens* 347; *obcordata* 347; *subsalina* 347; *tamnifolia* 347  
*Jambos jambos* 343  
*Jambosa jambos* 343  
*Jatropha curcas* 337; *dioica*, var. *graminea* 194; *gossypifolia* 337; *hernandiaefolia* 337; *integerrima* 337; *multifida* 337  
*Juniperus silicicola* 312  
*Jussiaea angustifolia* 343; *erecta* 343; *leptocarpa* 181, 343; *peruviana* 343; *repens* 347  
*Justicia comata* 352; *pectoralis* 352; *verticillaris* 352  
  
Kawano, Shoichi and Frank S. Crosswhite, Chromosome Numbers in Penstemon (Schrophulariaceae) I: New Mitotic Counts 187  
Kentucky, Flowering Plants New to or Rare in 180  
King, R. M., A New Species of *Senecio* from Costa Rica 239  
Kingsbury, John M. and Grace D. Lanciani, Soil Algae of Forty Ponds Under Construction at Ithaca, New York 242  
Kyllinga *brevifolia* 320; *odorata* 320; *peruviana* 320; *pumila* 320; *pungens* 320  
  
*Lactuca intybacea* 354  
*Laetia procera* 341  
*Lagarosiphon major* 168  
*Lagascea mollis* 355  
*Lagenaria siceraria* 354  
*Lagenocarpus guianensis* 322; *portoricensis* 322  
*Lagenophora andina* 40, 41; (Compositae) from Guatemala, A New Species of 36; *cuchumatana* 36, 38, 39 pl., 40, 41; *mauiensis* 40; *panamensis* 40  
*Lagerstroemia speciosa* 342  
  
Lakela, Olga, The Extended Distribution of *Eragrostis tracyi* from Sanibel Island, Florida 312  
Lanciani, Grace D. and John M. Kingsbury, Soil Algae of Forty Ponds Under Construction at Ithaca, New York 242  
*Languas speciosa* 324  
*Lantana aculeata* 349; *arida* 349; *camara*, var. *aculeata* 349; var. *mista* 349; var. *mutabilis* 349; f. *parvifolia* 349; var. *sanguinea* 349; *fucata*, var. *antillana* 349; *insularis* 349; *involucrata*, var. *odorata* 349; *montevidensis* 349; *reticulata* 349; *strigosus* 349  
*Laplacea portoricensis* 340  
*Larix laricina* 195  
*Lasiacis patentiflora* 318  
*Lasianthus lanceolatus* 353; *moralensis* 353  
*Lathyrus japonica*, var. *glaber* 89  
*Laugeria resinosa* 353  
*Laurentia longiflora* 354  
*Laurocerasus myrtifolia* 331; *occidentalis* 331  
*Lebretonia paniculata* 340  
*Lechea major* 64, 255, 258, 269, 272; *tripetala* 312  
*Leersia hexandra* 319; *monandra* 319  
*Lemna minor* 195  
*Lepidagathis alopecuroidea* 352  
*Leptilon bonariense* 355; *chinense* 355; *linifolium* 355; *pusillum* 355  
*Leptochilus alienus* 358; *cladorhizans* 358; *guianensis* 358; *nicotianaefolius* 358; *pergamentaceus* 358  
*Leptochloa fascicularis* 319; *filiiformis* 319; *panicea* 319  
*Leucaena glauca* 332; *leucocephala* 332

- Libidibia coriaria* 333  
*Licaria brittoniana* 330; *salicifolia* 330; *triandra* 330  
*Limnobiium stoloniferum* 317  
*Limonium Nashii* 89  
*Lindernia crustacea* 351; *diffusa* 350; *dubia* 351  
*Linociera axilliflora* 345; *caribaea* 345; *domingensis* 345; *holdridgii* 345; *ligustrina* 345  
*Linum catharticum* 196; *imbriatum* 192; *trisepalum* 278  
 Liogier, Brother Alain, Nomenclatural Changes and Additions to Britton and Wilson's "Flora of Porto Rico and the Virgin Islands" 315  
*Lipocarpa Sellowiana* 98  
*Lippia helleri* 349; *micromera*, var. *helleri* 349; *nodiflora* 349; *reptans* 349; *stoechadifolia* 349  
*Lobelia assurgens*, var. *portoricensis* 354; *portoricensis* 354; *rotundifolia* 354  
*Lomariopsis amydrophlebia* 358; *kunzeana* 358; *sorbifolia* 358  
*Lomogramma guianensis* 358  
*Lonchitis hirsuta* 357  
*Lonchocarpus latifolius* 334; *pentaphyllus* 334  
*Lophidium poeppigianum* 356  
*Lophosoria quadripinnata* 356  
*Lotus corniculatus* 196  
*Luchia Berteroniana* 170  
*Lucuma multiflora* 345  
*Lucya tetrandra* 353  
*Ludwigia erecta* 343; *leptocarpa* 343; *natans* 83; *octovalvis* 343; (*Onagraceae*), An Earlier Name for 83; *palustris* 83, 343; *peploides* 343; *peruviana* 343; *repens* 83, 84  
*Lunania buchii* 341  
*Lycium americanum* 351; *tweedianum*, var. *chrysocarpum* 351  
*Lycopodium clavatum*, var. *megastachyon*, f. *furcatum* 195  
*Lycopersicon esculentum* 50  
*Lycopersium esculentum* 196; *lycopersicum* 351  
*Lycopodium sintenisii* 360  
*Lyngbya limnetica* 252; *martensiana* 252; *versicolor* 252  
*Lyonia rubiginosa* 344; *stahlii* 344  
*Maba sintenisii* 345  
*Machaerium lunatum* 334  
*Macmillamia repens* 351  
*Macroptilium lathyroides* 335  
*Malache scabra* 340  
*Mallotonia gnaphalodes* 348  
*Malpighia angustifolia* 336; *linearis* 336; *shaferi* 336  
*Malvastrum americanum* 339; *spicatum* 339  
*Malvaviscus arboreus* 340; *malvaviscus* 340  
*Mammillaria nivosa* 342  
*Manihot manihot* 337; *ultissima* 337  
*Manilkara balata* 345; *bidentata* 345; *duplicata* 345; *emarginata* 345; *jaimiqui* 345; *nitida* 345; *pleeana* 345; *zapota* 344  
*Marilaunidium jamaicense* 348  
*Mariscus jamaicensis* 322  
*Martusia laurifolia* 334; *rubiginosa* 334  
*Mastichodendron foetidissimum* 345  
*Matayba apetala* 339; *oppositifolia* 338  
*Matelea maritima* 346; *sintenisii* 347; *variifolia* 346  
*Matricaria inodora* 230  
*Mayepea axilliflora* 345; *caribaea* 345; *domingensis* 345  
*Maxillaria coccinea* 327; *conferta* 327  
*Maximiliana vitifolia* 341  
*Mecardonia dianthera* 351; *procumbens* 351



- Meibomia adscendens* 334; *affinis* 334; *axillaris* 334; *barbata* 334; *cubensis* 334; *mollis* 334; *procumbens* 334; *purpurea* 334; *scorpiurus* 334; *sintenisii* 334; *supina* 334; *umbrosa* 334; *wyleriana* 334  
*Melinis minutiflora* 320  
*Melocactus intortus* 341  
*Melicocca bijugata* 338  
*Melicoccus bijugatus* 338  
*Melochia pyramidata* 340; *tomentosa* 340; *villosa* 340  
*Melanthera calcicola* 355; *cane-scens* 355; *confusa* 355; *montana* 355; *nivea* 355  
*Merremia aegyptia* 347; *dissecta* 347; *quinquefolia* 347; *tridentata*, *ssp. angustifolia* 347; *tuberosa* 348; *umbellata* 347  
*Mesadenus lucayanus* 325  
*Metastelma anegadense* 346; *decaisneanum* 346; *decipiens* 346; *ephedroides* 346; *grisebachianum* 346; *lineare* 346; *monense* 345; *parviflorum* 346  
*Metopium linnaei* 338; *toxiferum* 338  
*Miconia affinis* 342; *microcarpa* 342; *mirabilis* 342; *ottoschulzii* 342; *serrulata* 342  
*Micranthemum umbrosum* 351  
*Micropholis chrysophylloides* 344; *curvatus* 344  
*Microspora stagnorum* 251  
*Mikania congesta* 355; *micrantha*, *var. congesta* 355  
*Mimosa pigra* 332  
*Misbanthea triandra* 330  
*Mitella nuda* 92  
*Mitracarpus hirtus* 354; *villosus* 354  
*Moluchia pyramidata* 340; *tomentosa* 340  
*Momisia iguanaea* 327  
*Moneses uniflora* 196  
*Moringa moringa* 331; *oleifera* 331  
*Morongia portoricensis* 332  
*Mucuna pruriens* 335  
 Mulcahy, David L., Interpretation of Crossing Diagrams 146  
*Murraya exotica* 336  
*Myrcia berberis* 343; *citrifolia* 342; *fallax* 343; *leptoclada* 343  
*Myrcianthes fragrans* 343  
*Myrciaria floribunda* 343  
*Myrica holdridgeana* 327  
*Myriophyllum tenellum* 196; *verticillatum*, *var. pectinatum* 196  
*Myroxylon buxifolium* 341; *pachyphyllum* 341; *schwaneckeanum* 341  
*Nageia coriacea* 356  
*Nama jamaicensis* 348  
*Nazia aliena* 318  
*Nemochloa millegrana* 124  
*Neomammillaria nivosa* 342  
*Neovriesia macrostachya* 323  
 New Brunswick, New Records of Arctic Species in Southeastern 92  
 New England, Mountain Flowers of (Review) 84  
 New Hampshire, Notes on the Flora of Coös County 195  
 New York, Soil Algae of Forty Ponds Under Construction at Ithaca 242  
*Nidema ottonis* 326  
*Nocco mollis* 355  
*Nodularia harveyana* 252; *spumigena* 252  
*Noctoc commune* 252, 253; *linckia* 252; *muscorum* 252; *paludosum* 252; *sphaericum* 252; *verrucosum* 252  
*Notholaena trichomanoides* 357  
*Nymphaea ampla* 330; *amazonum* 330; *jamesoniana* 330; *odorata* 330; *pulchella* 330; *rudgeana* 320

- Octadesmia montana* 326  
 Oklahoma, Additions to the Vascular Flora of 191  
*Oldenlandia callitrichoides* 353;  
*corymbosa* 352; *herbacea* 353;  
*lancifolia* 353  
*Oncidium intermedium* 327; *lem-onianum* 327  
*Oocystis crassa* 251; *parva* 251  
*Operculina tuberosa* 348  
*Ophioglossum palmatum* 356  
*Oplismenus setarius* 318  
*Opuntia Dillenii* 313  
*Ornithidium coccineum* 327; *confertum* 327  
*Orthopteris domingensis* 359; *inequale* 358  
*Oscillatoria acutissima* 252; *agardhii* 252, 253; *amoena* 252; *amphibia* 252; *angusta* 252, 253; *angustissima* 252; *limnetica* 252, 253; *rubescens* 252; *splendida* 252, 253; *subbrevis* 252; *tenuis* 252; *terrestris* 252  
*Osmia borinquense* 355; *corymbosa* 354; *geraniifolia* 355; *ivae-folia* 355; *odorata* 354; *sinuata* 355  
*Ouratea ilicifolia* 340; *striata* 340  
*Oxalis barrelieri* 335; *corniculata* 146, 147 fig., 148 fig., 149 fig., 150, 151, 335; *dillenii* 146, 147 fig., 148 fig., 149 fig.; *grandis* 146, 147 fig., 148 fig., 149 fig.; *intermedia* 335; *corymbosa* 355; *priceae* 146, 147 fig., 148 fig., 149 fig., 150, 151; *stricta* 146, 147 fig., 148 fig., 149 fig., 151; *suksdorfii* 146, 147 fig., 148 fig., 149 fig.  
*Pachira aquatica* 340; *insignis* 340  
*Pachyrrhizus erosus* 335  
*Palicourea brevithyrsa* 353; *crocea* 353  
*Palmella mucosa* 251  
*Pancratium declinatum* 324  
*Panicum angustifolium* 318; *barbinode* 318; *capillare* 318; *fusi-forme* 318; *muticum* 318; *strigosum* 318; *utowanaceum* 318  
*Pappophorum alopecuroideum* 319; *pappiferum* 319  
*Paralabatia portoricensis* 345  
*Pariti tiliaceus* 340  
*Parosela domingensis* 333  
*Parsonia micrantha* 342; *parsonia* 342  
*Paspalum blodgettii* 318; *boscianum* 318; *glabrum* 318; *laxum* 318; *leoninum* 318; *melanospermum* 317; *molle* 317; *poirettii* 317; *portoricensis* 318; *rupestre* 318; *saugettii* 318; *simpsoni* 318  
*Passiflora anadenia* 341; *edulis* 341; *murucuja* 341; *pallida* 341; *suberosa* 341  
*Pavonia fruticosa* 339; *paniculata* 340; *scabra* 340  
*Pectis floribunda* 355  
*Pedilanthus angustifolius* 337; *latifolius* 338; *padifolius* 337; *tithymaloides*, var. *angustifolius* 337; var. *padifolius* 337; var. *parasiticus* 337  
*Peirania polyphylla* 332  
*Pelexia adnata* 325  
*Peltapteris peltata* 356  
*Peltophorum ferrugineum* 323; *inermis* 333  
*Pennisetum purpureum* 319  
*Penstemon arkansanus* 187, 188 fig.; *calycosus* 188 fig., 189; *digitalis* 188 fig., 189; *gracilis*, ssp. *gracilis* 189; ssp. *wisconsinensis* 188 fig. 189; *grandiflorus* 189; *harbourii* 188 fig., 189; *laxiflorus* 188 fig. 189; *multicaulis* 187; *pachyphyllus* 188 fig.; ssp. *pachyphyllus* 189; *pallidus* 188 fig., 189; (Scrophulariaceae) I: New Mitotic Counts, Chromo-

- some Numbers in 187; *teucroides* 188 fig. 190; *tubaeiflorus* 188 fig. 190; *wherryi* 187
- Pentarrhaphia albiflora* 352
- Peperomia dendrophila* 327; *megapoda* 327; *myrtillus* 327; *rhombica* 327; *sintenisii* 327; *tenella* 327
- Pepo moschata* 354
- Pereskia aculeata* 341; *pereskia* 341
- Persea americana* 330; *persea* 330; *portoricensis* 331; *urbaniana* 331
- Persicaria acuminata* 327; *portoricensis* 328; *punctata* 328; *segetum* 328
- Petesioides pendulum* 344; *yunqueense* 344
- Petrea kohautiana* 350
- Petroselinum crispum* 344
- Phacelia giliioides* 42, 43, 44 fig., 45, 46 fig., 47; *hirsuta* 42, 43, 44 fig., 45, 46 fig., 47; *Complex*, Genotypic Variation in the 42; *patuliflora* 139, 140 fig., 141, 142 fig., 143, 144; *var. patuliflora* 139; *sericea* 47; *strictiflora* 139, 140 fig., 141, 142 fig., 143, 144; *Complex*, Genotypic Variation in the 139; *var. lundelliana* 139
- Phaeosphaerion persicariaefolius* 323
- Phaseolus coccineus* 335; *lathyroides* 335; *multiflorus* 335; *peduncularis* 335; *schottii* 335; *trichocarpus* 335
- Phialanthus grandifolius* 353; *myrtilloides* 353
- Philodendron hederaceum* 322; *nechodomi* 323; *oxycardium* 323; *scandens* 323
- Philotria angustifolia* 170; *canadensis* 12, 28, 170; *densa* 157, 170; *granatensis* 170; *guyanensis* 170; *iowensis* 12, 170; *linearis* 29, 31, 170; *minor* 6, 169, 170; *Nuttallii* 6, 11, 12, 170; *occidentalis* 6, 170; *orinocensis* 170; *Planchonii* 12, 170
- Phlebotaenia corvelli* 336
- Phleum pratense*, *f. viviparum* 195
- Phoradendron berterianum* 328; *dichotomum* 328
- Phoebe elongata* 331; *montana* 331
- Phormidium minnesotense* 252, 253
- Phragmites communis* 319; *phragmites* 319
- Phthirusa bicolor* 328; *caribaea* 328; *purpurea* 328; *sintenisii* 328
- Phyla nodiflora* 349; *var. reptans* 349; *scaberrima* 349; *stoechadifolia* 349; *strigulosa*, *f. parvifolia* 349
- Phyllanthus acidus* 337; *diffusus* 337; *epiphyllanthus* 337; *juglandifolius* 337; *lathyroides* 337; *niruri* 337; *pentaphyllum*, *ssp. pentaphyllum* 337; *ssp. polycladus* 337; *polycladus* 337; *stipulatus* 337; *urinaria* 337
- Physalis hederaceifolia*, *var. hederaceifolia* 194
- Physurus hirtellus* 325; *plantagineus* 325
- Piaropus crassipes* 323; *diversifolius* 323
- Picea mariana* 92; *rubens* 92
- Picrasma antillana* 336; *excelsa* 336
- Pike, R. B.*, *Common Trees of Puerto Rico and the Virgin Islands* (Review) 93
- Pilosocereus royeri* 341
- Pimenta dioica* 343; *pimenta* 343; *racemosa* 342; *var. grisea* 342
- Pinus rudis* 37
- Piper citrifolium* 327; *glabrescens*

- 327; hispidum 327; peltatum 327; scabrum 327; treleaseanum 327; umbellatum 327; wydleria-num 327
- Piptadenia peregrina* 332
- Piptocoma antillana* 354; *rufescens* 354
- Piscidia piscipula* 334
- Pithecellobium unguis-cati* 331
- Pityrogramme trifoliata* 357
- Platypus atus* 327
- Pleurostachys minuscula* 124; *puberula*, var. *Buchtienii* 124
- Pleurothallis appendiculata* 326; *broadwayi* 326; *foliata* 326; *longissima* 326;
- Plinia dusii* 343
- Pluchea carolinensis* 355; *odorata* 355
- Plumeria krugii* 346; *obtusata* 345; *portoricensis* 346
- Podocarpus coriaceus* 356
- Pogonia macrophylla* 325
- Pohl, Richard A., *Dissecting Equipment and Materials for the Study of Minute Plant Structures* 95
- Poinciana pulcherrima* 333
- Polygala cowellii* 336; *penaea* 336; *portoricensis* 336
- Polygonum acuminatum* 328; *densiflorum* 328; *punctatum* 328; *segetum* 328
- Polypodium asplenifolium* 357; *duale* 357; *hessii* 357; *jubaeforme* 357; *latum* 357; *mollissimum* 357; *mysuroides* 357; *phyllitidis*, var. *latum* 357; *taenifolium* 357; *taxifolium* 357; *trifurcatum* 357
- Polystachya cerea* 325; *extinctoria* 325; *minor* 325; *minuta* 325
- Polystichopsis chaerophylloides* 359
- Polystichum adiantiforme* 358; *echinatum* 358; *triangulum* 358
- Polytaenium cajanense* 357
- Porophyllum porophyllum* 355; *ruderales* 355
- Porto Rico and the Virgin Islands", *Nomenclatural Changes and Additions to Britton and Wilson's "Flora of* 315
- Portulaca phaeosperma* 330; *poliosperma* 330; *rubricaulis* 330; *teretifolia* 330
- Potamogeton epihydrus* 317; *fluitans* 317; *insulanus* 317; *natans* 195; *nodosus* 317; *oblongifolium* 84; *rotundifolium* 84
- Potamogeton natans* 195; *oblongifolium* 84; *rotundifolium* 84
- Potentilla fruticosa* 92
- Pothomorphe peltata* 327; *umbellata* 327
- Pouteria dictyoneura*, ssp. *fuerstii* 345; *hotteana* 345; *mammosa* 345; *multiflora* 345
- Prestoea montana* 322
- Prestonia agglutinata* 346
- Pristimera caribaea* 338
- Prosopis limensis* 332
- Protoderma viride* 251
- Protosiphon botryoides* 251
- Prunus myrtifolia* 331; *occidentalis* 331
- Pseudanamomis umbellulifera* 343
- Pseudoelephantopus spicatus* 354
- Psidium amplexicaule* 342; *cattleyanum* 342
- Psilocarya nitens* 322; *portoricensis* 322
- Psilochilus macrophyllus* 325
- Psoralea esculenta* 26
- Psychotria microdon* 353; *pinularis* 353
- Ptychomeria portoricensis* 325
- Pteridium aquilinum*, var. *arachnoideum* 357; var. *caudatum* 357; *arachnoideum* 357; *caudatum* 357
- Pueraria phaseoloides* 335
- Puerto Rico and the Virgin

- Islands, Common Trees of (Review) 93  
*Pyrethrum bonplandianum* 182  
*Quamoclit coccinea* 347; *quamoclit* 347  
*Radicula palustris* 331; *portoricensis* 331  
*Randia aculeata* 313, 353; *mitis* 353  
*Ranunculus acris*, var. *latisectus* 196  
*Rapanea guianensis* 313  
*Rauwolfia lamarekii* 346; *nitida* 346; *tetraphylla* 346; *viridis* 346  
Raven, Peter H., An Earlier Name for *Ludwigia natans* (Onagraceae) 83  
*Remirea maritima* 322; *pedunculata* 322  
*Renealmia antillarum* 324; *aromatica* 324; *exaltata* 324  
*Rhacoma crossopetalum* 338  
*Rhamnus volubilis* 84  
*Rheedia acuminata* 341; *portoricensis* 341  
*Rhipidopteris peltata* 357  
*Rhoeo discolor* 323; *spathacea* 323  
*Rhynchosia minima* 335; *phaseoloides* 335; *reticulata* 335  
*Rhynchospora alba* 321; *andina* 116, 119; *aristata* 115, 117; var. *latilaminata* 117, 118; *bahamensis* 322; *berterii* 321; *blaueneri* 321; *boliviensis* 116, 120; *borinquensis* 322; *brachychaeta* 321; *bruneri* 321; *capillacea* 192; *ciliata* 124; *confinis* 115, 116, 123; *corymbosa* 115, 118; *cy-mosa* 322; *cyperoides* 115; 119; *distans* 322; *emaciata* 116, 122; *exaltata* 116, 119; var. *cephalophora* 119; var. *ovalis* 119; *fascicularis* 322; *filiformis* 321; *glauca* 115, 121, 322; *globosa* 115, 120; var. *Loefgrenii* 120; *globularis* 322; *hirta* 115, 120; *hispidula* 321; *intermixa* 321; *jamaicensis* 321; *lindeniana*, var. *bahamensis* 322; *luquillensis* 321  
*luzuliformis* 116, 122; *macrochaeta* 115, 116; var. *columbiensis*, f. *condensata* 117; var. *Ruiziana* 117; var. *quinque-spicata* 117; *Marisculus* 115, 121, 322, *microcarpa* 322; *millegrana* 115, 124; *nervosa* 115, 123, 321; var. *Jelskiana* 124; *nitens* 321; *odorata* 322; *podosperma* 321; *polyphylla* 115, 118, 321; var. *laxa* 118; var. *longispiculosa* 118; *puberula* 115, 124; *pusilla* 321; *racemosa* 322; *radicans*, 115, 321; *robusta* 116, 121; *rugosa* 322; *Scheidana* 115, 117; *setacea* 116, 123; *stellata* 321; *tenerrima* 123; *tenuis* 116, 122; var. *emaciata* 122; *umbraticola*, var. *Kuntzei* 115, 116; *trichodes* 321; *velutina*, var. *Sellowiana* 116, 122  
*Richardia brasiliensis* 354  
*Ricinella ricinella* 337  
*Riedlea hirsuta* 340  
*Rivea companulata* 348  
Roberts, Patricia R., New Records of Arctic Species in South-eastern New Brunswick 92  
*Rorippa nasturtium-aquaticum* 331; *palustris* 331; *portoricensis* 331  
*Rubus pensilvanicus* 196; *probus* 331  
*Ruellia tweediana* 352  
*Rumohra adiantiformis* 358  
*Ruppia anomala* 317; *maritima* 317  
*Rytillix granularis* 317  
*Sabal palmetto* 312

- Sabatia calycina* 304  
*Saccoloma domingense* 359; *in-  
equale* 360  
*Sagotia triflora* 334  
St. John, Harold, Monograph of  
the Genus *Elodea*: Part 4 and  
Summary 1, 155  
*Salix myrtillofolia* 92, 93  
*Salvia micrantha* 350; *nusella* 350  
*Sansevieria metalica* 324  
*Sapota achras* 344  
*Saracha antillana* 351  
*Sarcophallus domingensis* 339;  
*reticularis* 339; *taylori* 339  
*Sarcostemma clausum* 346  
Sargent, F. H., *Eulophia ecristata*  
and *Epidendrum conopseum* in  
Mississippi 48  
*Scaphyglottis modesta* 325  
*Scenedesmus hystrix* 252; *obli-  
quus* 252; *quadricauda* 252, 253  
*Schizachyrium brevifolium* 317;  
*domingense* 317; *gracile* 317;  
*semiberbis* 317  
*Schizaea pennula* 356; *poep-  
pigiiana* 356  
*Schizothrix calcicola* 252  
*Schlegelia brachyantha* 352; *por-  
toricensis* 352  
*Schobera angiosperma* 348  
*Schradera vahlii* 353  
*Schrankia portoricensis* 332  
*Scirpus acaulis* 100, 102; *ameri-  
canus* 100; *var. polyphyllus* 102;  
*ssp. polyphyllus* 102; *asper* 100,  
102; *atacamensis* 100, 101, 102;  
*boliviensis* 100, 101; *californi-  
cus* 100, 103; *cernuus* 100, 101;  
*deserticola* 100, 103; *fuirena*  
321; *inundatus* 100, 101; *lacus-  
tris*, *ssp. validus* 321; *macran-  
tha* 99; *rigidus* 100, 102; *ripar-  
ius* 103; *validus* 321  
*Scleria amphigaea* 125, 126; *arun-  
dinacea* 126, 130, 132; *bracteata*  
126, 131; *f. simplicior* 131; *cas-  
tanea* 125, 127; *ciliata* 322;  
*composita* 126, 128; *cyperi-  
noides* 126, 129; *eggersiana*  
322; *grisebachii* 322; *hirtella*  
125, 126; *lagoënsis* 126, 131;  
*latifolia* 126, 130, 132; *lepto-  
stachya* 125, 126, 127; *lith-  
osperma*, 125, 127; *macrophylla*  
125, 128; *melaleuca* 126, 132;  
*microcarpa* 125, 128; *mitis* 125,  
129; *obtusata* 126, 129; *panicoides*  
126, 130; *paludosa* 128; *pleo-  
stachya* 127; *pterotha* 126, 132;  
*reflexa* 133; *secans* 126, 133;  
*setacea* 126, 131, 321; *stevens-  
iana* 322; *tenacissima* 126,  
131; *triglomerata* 322; *vaginata*  
126, 132  
*Scolosanthus densiflorus* 353;  
*grandiflorus* 353; *multiflorus*  
353; *versicolor* 353  
*Scosanthus versicolor* 353  
Scudday, James F., *Chamaesara-  
cha villosa* New to Texas 194  
*Sebastiania corniculata* 337  
*Sebesten rickseckeri* 347; *sebes-  
tena* 348  
*Securidaca diversifolia* 336; *vir-  
gata* 336; *volubilis* 334  
*Selaginella albonitens* 360; *ar-  
mata* 360; *flabellata* 361; *plagi-  
ochila* 360; *plumosa* 360; *por-  
toricensis* 360; *sintenisii* 361;  
*stipitata* 361; *stolonifera* 360;  
*subcaulescens* 361; *substipitata*  
360; *tenella* 360  
*Senecio costaricensis* 239, 240 pl.,  
241; from Costa Rica, A New  
Species of 239; *townsendii* 241  
*Senna obovata* 332  
*Serpicula canadensis* 12, 171; *oc-  
cidentalis* 6, 167, 169, 170, 171;  
*verticillata*, f.  $\beta$ , *var. angusti-  
folia* 6, 171  
*Sesamum indicum* 352; *orientale*  
352

- Sesban emerus* 333; *sericea* 333; *sesban* 333  
*Sesbania bispinosa* 333; *emerus* 333; *grandiflora* 333; *sesban* 333; *sericea* 333; *spinosa* 333  
*Sesuvium portulacastrum* 313  
*Setaria barbata* 319; *Faberi* 195; *geniculata* 319; *leiophylla* 319; *lutescens* 319; *magna* 319; *pradana* 319; *rariflora* 319; *setosa* 319; *tenacissima* 319; *utowanaea* 318; *viridis* 195; *vulpiseta* 319  
*Setiscapella pusilla* 352; *subulata* 351  
*Shepherdia canadensis* 92  
 Sherff, Earl Edward, Note on Varieties of *Bidens connata* and a Hybrid with *B. cernua* 59  
 Shinnars, Lloyd H., *Ipomoea amnicola* (Convolvulaceae), A South American Waif in Missouri 200  
*Sida acuta* 339; *alba* 339; *carpinifolia* 339; *erecta* 339; *salviaefolia* 339  
*Sideroxylon foetidissimum* 345; *portoricensis* 345  
*Silene pumilio* 196  
*Sinapis arvensis* 331  
*Siphoneugenia densiflora* 343  
*Siphonanthus indicus* 350  
*Sisymbrium nasturtium-aquaticum* 331  
*Sloanea amygdalina* 339  
*Smilax domingensis* 324; *lanceolata* 324  
 Smith, Edwin B., Taxonomy of *Haplopappus*, Section *Isopappus* (Compositae) 217  
*Solandra grandiflora* 351  
*Solanum antillarum* 351; *campechiense* 351; *caribaeum* 351; *cilatum* 351; *elaegnifolium* 351; *erianthum* 351; *ficifolium* 351; *guanicense* 351; *pterocaulon* 351; *torvum* 351; *verbascifolium* 351  
 Solbrig, Otto T., The Typification of *Xanthocephalum* (Compositae) 182  
*Solidago multiradiata* 92, 93; *sempervirens* 89  
*Sorghastrum parviflorum* 318; *setosum* 318  
*Sorghum halpense* 318; *saccharatum* 318  
*Spathiger ramosus* 326; *rigidus* 326  
*Spermacoce confusa* 354; *riparia* 354; *tenuior* 354  
*Sphaerellopsis fluviatilis* 252  
*Spiranthes adnata* 325; *anabilis* 325; *cranichoides* 325; *elata* 325; *fawcettii* 325; *lucayana* 325; *orchioides* 325; *speciosa* 325; *tortilis* 325  
*Spirulina major* 252, 253  
*Sporobolus argutus* 319; *berteroanus* 319; *cryptandrus* 180; *domingensis* 319; *muralis* 319; *poiretii* 319; *pyramidatus* 319; *tenuissimus* 319; *virginicus* 313  
*Stachytarpheta cayennensis* 350; var. *albiflora* 350; *jamaicensis* 350; *strigosa* 350; *urticaefolia* 350; *X hybrida* 350  
*Stegnosperma cubense* 329  
*Stellaria antillana* 330  
*Stenandrium tuberosum* 352  
*Stenochlaera amydrophlebia* 358; *kunzeana* 358; *sorbifolia* 358  
*Stenophyllus curvassavicus* 321; *portoricensis* 321; *vestitus* 321  
*Stenorrhyncus lanceolatus* 325; *speciosa* 325  
*Stenostomum acutatum* 353; *coriaceum* 353; *lucidum* 353; *obtusifolium* 353; *portoricense* 353; *sintenisii* 353  
*Stethoma comata* 352; *pectoralis* 352; *verticillaris* 352



- Stichococcus bacillaris* 251  
*Stictocardia tiliaefolia* 348  
*Stigmaphyllon diversifolium* 336;  
  *ledifolium* 336; *lingulatum* 356;  
  *periplocifolium* 336  
*Stizolobium pruritum* 335  
*Stomoisia juncea* 352  
*Struthiopteris exaltata* 358; *lin-*  
  *eata* 358; *polypodioides* 357;  
  *underwoodiana* 358  
*Suaeda fruticosa* 329  
*Succisa pratensis* 230  
*Swartzia grandiflora* 351  
*Synechococcus aeruginosa* 252  
*Synechocystis aquatilis* 252, 253;  
  *crassa* 252; *sallensis* 252  
*Syntherisma argillacea* 318; *chin-*  
  *ensis* 318; *digitata* 318; *fili-*  
  *formis* 318; *ischaemum* 318;  
  *sanguinalis* 318  
*Syringodium filiforme* 317
- Tabebuia heterophylla* 352; *pal-*  
  *lida* 352  
*Tabernaemontana coronaria* 346;  
  *divaricata* 346  
*Taeniostema micranthum* 65, 201,  
  298, 300  
*Tamonea guianensis* 342; *mac-*  
  *rophylla* 342  
*Taonabo heptasepala* 340; *luquil-*  
  *ensis* 340; *pachyphylla* 340;  
  *peduncularis* 340; *stahlil* 340;  
  *subsessilis* 340  
*Taraxacum officinale* 89  
Taylor, R. John and Constance,  
  Additions to the Vascular Flora  
  of Oklahoma 191  
*Tectaria incisa* 359; *martinicen-*  
  *sis* 359  
*Tectona grandis* 350  
*Teliostachya alopecuroidea* 352  
*Tephrosia candida* 333; *cinerea*  
  333; *senna* 333  
*Tepion alatum* 355  
*Terebraria resinosa* 353
- Ternstroemia heptasepala* 340;  
  *luquillensis* 340; *peduncularis*  
  340; *stahlil* 340; *subsessilis* 340  
*Tetraclea Coulteri* 194  
*Tetragamestus modestus* 325  
*Tetragonia expansa* 329; *tetra-*  
  *gonioides* 329  
*Tetrapteris buxifolia* 335; *citri-*  
  *folia* 335; *inaequalis* 335  
*Thecophyllum sintenisii* 323  
*Thelypteris angustifolia* 359; *brit-*  
  *tonae* 359; *decussata* 358; *del-*  
  *toidea* 358; *dentata* 359; *diplo-*  
  *zioides* 358; *germaniana* 358;  
  *gongylodes* 358; *guadalupensis*  
  359; *hastata* 359; *leptocladia*  
  359; *magalodus* 359; *thelypteris*  
  *nephrodioides* 359; *normalis*  
  359; *oligophylla* 359; *opposita*  
  358; *patens* 359; *pedrensis* 358;  
  *poiteana* 359; *reptans* 359;  
  *reticulata* 359; *sancta* 358; *var.*  
  *portoricensis* 358; *sclerophylla*  
  359; *serra* 359; *serrata* 359;  
  *balbisii* 358; *tetragona* 359  
*Thevetia peruviana* 346  
*Thibaudia krugii* 344  
*Thouinia portoricensis* 338; *stri-*  
  *ata* 338  
*Thrinax ponceana* 322  
*Thryallis glauca* 336  
*Thyana portoricensis* 338; *striata*  
  338  
*Thyella tamnifolia* 347  
*Thyphalea fruticosa* 339  
*Tiarella cordifolia* 50  
*Tiaridium indicum* 348  
Tiffney, W. N. and W. N. Tiffney,  
  Jr., *Tulostoma brumale* Pers.,  
  A New Record for New Eng-  
  land 89  
*Tigridia purpurea* 192  
*Tillandsia aloifolia* 323; *flexuosa*  
  323; *sublaxa* 323; *usneoides*  
  323; *valenzuelana* 323  
*Tontanea herbacea* 353

- Torrallbasia cuneifolia* 338  
*Tournefortia gnaphalodes* 348;  
*laurifolia* 348; *maculata* 348;  
*microphylla* 348; *peruviana* 348;  
*volubilis* 348  
*Tradescantia elongata* 323; *geniculata* 323  
*Tragus berteronianus* 318  
*Tribulus terrestris* 181  
*Tricera citrifolia* 338; *vahlil* 338  
*Trichachne eggersii* 318; *insularis* 318  
*Trichasterophyllum hyssopifolium* 298  
*Trichomanes angustifrons* 360;  
*kapplerianum* 360; *ovale* 360;  
*punctatum*, ssp. *sphenoides* 360;  
*pusillum* 360; *robustum* 360;  
*sphenoides* 360  
*Trimezia martinicensis* 324  
*Tripogandra elongata* 323  
*Trismeria trifoliata* 357  
*Triumfetta bartramia* 339; *bototensis* 339; *excisa* 339; *hispidula* 339  
*Trochisia reticularis* 251  
*Tsuga canadensis* 92  
*Tulostoma brumale* 89, 90; A  
New Record for New England  
89; *imbricatum* 90; *mammosum*  
90; *pedunculatum* 90; *simulans*  
90; *squamosum* 90  
*Tupa portoricensis* 354; *robusta*  
354  
*Tynnanthus caryophylleus* 352;  
*myrianthus* 352  
*Typha angustifolia* 317; *domingensis* 317  
*Udora brasiliensis* 171; *canadensis* 7, 12, 171; *granatensis* 171;  
*guyannensis* 171; *lithuanica*  
171; *occidentalis* 21, 171; *orinocensis*  
171; *pomeranica* 171;  
*surinamensis* 171; *verticillata*  
171; var. *minor* 170, 171  
*Ulothrix belkiae* 247 pl., 248, 251;  
*subtillissima* 251  
*Uncinia hamata* 133; *phleoides*  
133  
*Urceolaria exotica* 353  
*Urostachys sintenisii* 360  
*Utricularia inflata*, var. *minor*  
197; *junceae* 352; *pusilla* 352;  
*subulata* 351  
*Vachellia farnesiana* 332  
*Valerianoides cayennense* 350;  
*jamaicense* 350; *strigosum* 350  
*Vallisneria americana* 196  
*Valota eggersii* 318; *insularis* 318  
*Vandellia diffusa* 351  
*Vanilla dilloniana* 325; *eggersii*  
325  
*Varronia angustifolia* 348; *bahamensis*  
348; *bellonis* 348;  
*corymbosa* 348; *globosa* 348;  
*lima* 348; *rupicola* 348  
*Verbascum Blattaria* 197  
*Verbena bonariensis* 349; *tenuisecta*  
349  
*Verbesina alata* 355; *encelioides*  
355  
*Vetiveria zizanioides* 318  
*Vigna luteola* 335; *peduncularis*  
335; *repens* 335  
*Vincetoxicum sintenisii* 347;  
*stephanotrichum* 346; *varifolium*  
346  
Virgin Islands, Common Trees of  
Puerto Rico and (Review) 93;  
Nomenclatural Changes and  
Additions to Britton and Wil-  
son's "Flora of Porto Rico and  
the 315  
*Vitex negundo*, var. *intermedia*  
350; *parviflora* 350  
*Vittaria filifolia* 357; *graminifolia*  
357  
*Volkameria aculeata* 350  
*Vriesea macrostachya* 323; *sintenisii*  
323

- Wilbur, Robert L. and H. S. Daoud, A Revision of the North American Species of *Helianthemum* (Cistaceae) 63, 201, 255
- Wallenia pendula* 344; *yunquensis* 344
- Waltheria americana* 340; *indica* 340
- Warszewiczella flabelliformis* 327
- Wissadula contracta* 339
- Wittmachia lingulata* 323
- Wulfschlaegelia aphylla* 325
- Xanthium chinense* 354; *strumarium* 354
- Xanthocephalum bonplandianum* 184; *centauroides* 182, 183 pl., 184; (Compositae), The Typification of 182; *humile* 182
- Xanthocoma humile* 182, 184
- Xanthosoma nigrium* 323; *violaceum* 323
- Xanthoxalis corniculata* 335
- Ximenia americana* 328; *enceioides* 355
- Xolisma rubiginosa* 344; *stahlii* 344
- Xylophylla epiphyllanthus* 337
- Xylosma buxifolium* 341; *pachyphyllum* 341; *schaefferioides* 341; *schwanecheanum* 341
- Xyris carolinensis* 323; *jupicai* 323
- Yucca aloifolia* 313
- Zephyranthes grandiflora* 324; *puertoricensis* 324; *rosea* 324
- Zingiber officinalis* 324; *zingiber* 324
- Zinnia peruviana* 355
- Zizania aquatica*, var. *angustifolia* 195; *interior* 11
- Ziziphus jujuba* 339; *mauritiana* 339; *reticulata* 339; *rignonii* 339; *taylori* 339
- Zornia diphylla* 333; *gemella* 333; *reticulata* 333